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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/082,493	02/22/2002	Stephane Kasriel	D33-024-01-US	3724

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EXAMINER
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SALAD, ABDULLAHI ELMI

ART UNIT	PAPER NUMBER
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2157

DATE MAILED: 08/25/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

**Office Action Summary**

Application No.

10/082,493

Applicant(s)

KASRIEL, STEPHANE

Examiner

Salad E. Abdullahi

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 04 August 2006.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-40 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-40 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- |   |   |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)   | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)  | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)             |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)<br>Paper No(s)/Mail Date <u>8/4&amp;8/17</u> . | 6) <input type="checkbox"/> Other: _____  |

***Continued Examination Under 37 CFR 1.114***

1. A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on 8/4/2006 has been entered.
2. Applicant's arguments with respect to Claims 1-40 have been fully considered but are moot in view of new grounds of rejection.

***Claim Rejections - 35 USC § 103***

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

4. Claims 1-40 are rejected under 35 U.S.C. 103(a) as being unpatentable over Fascenda U.S. Patent No. 6,466,937[hereinafter Fascenda] in view of Tobias U.S. Patent No. 6,873,877[hereinafter Tobias].

As per claim 1, Fascenda discloses a method for responding to a request from a client for a web page including steps of:

forwarding from a request server a request to template server (see fig. 3, col. 7, line 58 to col. 8, line 9 and col. 15, line 65 to col. 16, line 20);

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building, at the template server that is logically separate from the request server a template information for the web page(see fig. 3 , and col. 10, line 62 to col. 11, line 4); computing delta information (i.e., changes to client templates) for a web page based on the template based on the template information (see fig. 3, col. 7, line 58 to col. 8, line 9 and col. 15, line 65 to col. 16, line 20); and sending to the said client the delta information (i.e., changes to client templates) for the web page and reference a to the said template information (see col. 11, lines 7-21 and col. 13, lines 56-65).

Fascenda is silent regarding: the delta encoder is separate from the request server.

Nonetheless utilizing delta encoder separate from the server would have been an obvious modification Fascenda's system as evidenced by Kirsch. Kirsch in (FIG. 1 illustrates another possible configuration in which the encoders are separate from the server request (see fig .1 and paragraph col. 7, line 46 to col. 8, line 10). Therefore, it would have been obvious to one having ordinary skill in the art at the time of the invention to incorporate the teachings of Tobias into the system of Fascenda such that delta encoders can located closer to end users and therefore are able to deliver content to those end users much faster than the content servers. In addition, distribution unit 108 can perform load balancing on the encoding units (116, 118, 120) to achieve optimal performance from a plurality of different encoders.

As per claim 2-3, Fascenda discloses a method as in claim 1, including steps of compressing said delta information (see col. 18, lines 44-49).

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As per claim 4, Fascenda discloses a method as in claim 1, including steps of:

Sending statistical information to the template server relating to the benefits of delta caching service of the delta encoder (see col. 11, lines 7-21 and col. 13, lines 56-65 and col. 11, lines 7-21 and col. 13, lines 56-65)

As per claim 5 and 6, Tobias discloses a as claimed in claim 1, including the steps of distributing said request from said client to a selected one of a set of delta encoders (see fig .1 and paragraph col. 7, line 46 to col. 8, line 10).

providing a web object at said server in response to said request(see figs 1a, 1b and 16 and paragraph 0051-0051 and 0105-0107); and

computing said delta information at said selected one delta encoder in response to said template information, wherein said template information is substantially independent of an identity of said selected one delta encoder (see fig .1 and paragraph col. 7, line 46 to col. 8, line 10).

As per claim 7-8, Fascenda discloses a method as in claim 1, including steps of receiving, from said client, a request for said template information (col. 11, lines 7-21); and sending, to said client, said template information(col. 11, lines 7-21).

As per claim 9-11, Fascenda discloses a method as in claim 1, wherein said delta information includes one program fragment. wherein said delta information includes at

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least one program fragment directing said client to retrieve template information(see fig. 6b and col. 13, lines 56-65).

As per claim 12, Fascenda discloses a method as in claim 1, wherein said object is accessible to more than one said server (inherent)(see also fig. 3); and said template information is accessible to said more than one said server (inherent) (see fig. 3 and col. 10, lines 34-61).

As per claim 13, Fascenda discloses a method as in claim 1, wherein said steps of building are responsive to at least one change in said object (see col. 11, lines 11-21).

As per claims 14-40, the claims include limitations analogous to claims 1-13, thus claims 14-40 are rejected same rational as claims 1-13.

### ***Conclusion***

5. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Salad E. Abdullahi whose telephone number is 571-272-4009. The examiner can normally be reached on 8:30 - 5:00. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ario Etienne can be reached on 571-272-4001. The fax phone number for the organization where this application or proceeding is assigned is **571-273-8300**.

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7. Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Abdullahi Salad  
8/19/2006

ABDULLAHISALAD  
PRIMARY EXAMINER